

## Testbed Smart Mobility Live in Leuven



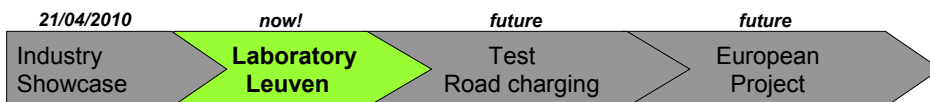
### The need for smart mobility as a creative solution (T!NC)

▪ **Existing mobility problems:**

- Congestion (queues, travel time losses, ...).
- Damage to the environment (noise, emissions, fuel consumption, ...).
- Traffic safety (accidents, rat running, ...).
- Psychological (driver annoyance, ...).

▪ **We created and implemented part of the solution:**

- Smart mobility by means of road charging.
- Need for intelligence: types of roads, times of day, types of vehicles, ...
- Adheres to the government's intention to assess the social-economic impact of road charging for passenger cars.



## Our testbed for smart mobility provides various opportunities

- **Privacy & security enabled.**
- **Supports open technology standards:**
  - GPS, banking security, (embedded) Java, ...
- **Currently available services:**
  - Mobility based on road pricing tolling (flexible back-end).
  - Private eCall.
  - Networked personalised information service.
- **Future services:**
  - Payment.
  - Parking.
  - Shared vehicle management.
  - Advanced fleet management.
  - Custom personalised services.
  - ...

